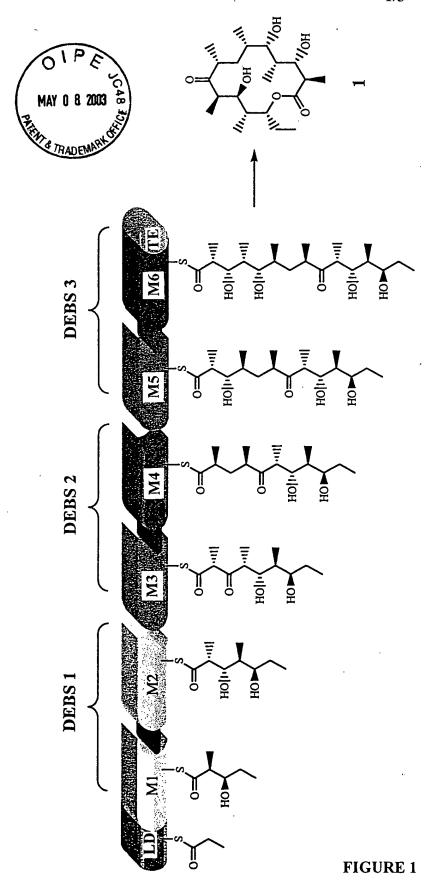
Sheet 1 of 3

1/3



Title: METHODS TO MEDIATE POLYKETIDE SYNEFFECTIVENESS
Inventors: Rajesh S. GOKHALE, et al.
Application No.: 09/500,747
Docket No.: 300622004600 Sheet 2

Sheet 2 of 3

2/3

tle: METHODS TO MEDIATE POLYKETIDE SYNTHASE MODULE

ventors: Rajesh S. GOKHALE, et al.

pplication No.: 09/500,747 ocket No.: 300622004600

APPROVED

Sheet 3 of 3

3/3



(b) N-TERMINAL INTER-POLYPETIDE LINKER

. ELFTGENPAPVRGPVSA. GQD (SEQ ID NO:11)

. ELFTGENPAPVRGPVSVVGQD (SEQ ID NO:10)

M4rap:

M7rap:

M3rap:

. ELFTGENPAPVRGPVSAVGQD (SEQ ID NO:9)

(SEQ ID NO:7) (SEQ ID NO:8)

(SEQ ID NO:6)

FGSA.A.NR.PAEIGTAAAE LG. ER. PAAPAPVTRDVSD GETVAGAPATPVTTVADAG

> M3rif: M5rif:

VGAAEAEQA. PALVREVPKDAD (SEQ ID NO:5)

M6ery:

M2rif:

VGDAD..QAA.VRVVGAA.DES (SEQ ID NO:4)

(SEQ ID NO:3)

M2ery: GGATGAEQAAPATT..APVD

(a) INTRA-POLYPEPTIDE LINKER

.M.PEQD KVVEYL.R WATAELHTTR AKL....EA LAAANT (SEQ ID NO:19) (SEQ ID NO:17) ..MR.. EDQLLDAL.R KSVKE....N ARLRKANTSL RAAMD (SEQ ID NO:18) ADAAG (SEQ ID NO:15) (SEQ ID NO:16) .. MSAPNE QIVDAL.R ASLKE....N VRLQQENSAL AAAAA(SEQ ID NO:14) (SEQ ID NO:12) (SEQ ID NO:13) æ. RAG QAR .V.AD EGQLRDYLKR .AIADARDAR TRLRE..VEE .. LRKQGARH ARLRE..VEH GTLKKRNRQLVID SE KVAEYLRR .ATLDLRAAR QRIRE..LES ..VSASYE KVVEAL.R KSLEE....V TVT.ELDSVT .VTAELHS. MSGDNGM.TE E.KLRRYLKR .. MATD E.KLLKYLKR Milrap M5rap: M3ery: M8rif M9rif M5ery M7rif M4rif